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**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q76616

Hiroshi SUMI, et al.

Appln. No.: 10/620,346

Group Art Unit: 1775

Confirmation No.: 8680

Examiner: Cathy Fong Fong Lam

Filed: July 17, 2003

For: COPPER PASTE, WIRING BOARD USING THE SAME, AND PRODUCTION  
METHOD OF WIRING BOARD

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, except for the following: U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications filed after June 30, 2003.

The present Information Disclosure Statement is being filed after the later of three months from the application's filing date and the mailing date of the first Office Action on the merits, but before a Final Office Action, Notice of Allowance, or an action that otherwise closes prosecution in the application (whichever is earlier), and therefore Applicant is filing concurrently herewith a Statement Under 37 C.F.R. § 1.97(e). No fee under 37 C.F.R. § 1.17(p) is required.

INFORMATION DISCLOSURE STATEMENT  
U.S. Appln. No.: 10/620,346

Q76616

The present Information Disclosure Statement is being filed thirty days or fewer from the communication from a foreign patent office and a Statement Under 37 C.F.R. § 1.704(d) is attached.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of a Communication from a foreign patent office in a counterpart application citing such documents (European Search Report for EP 03 01 6243 dated November 17, 2005, together with an English-language version (if not already included) of at least that portion of the Communication indicating the degree of relevance found by the foreign patent office.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,



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WASHINGTON OFFICE  
23373  
CUSTOMER NUMBER

Date: December 13, 2005

**Substitute for Form 1449 A & B/PTO**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(use as many sheets as necessary)*

Complete if Known	
Application Number	10/620,346
Confirmation Number	8680
Filing Date	July 17, 2003
First Named Inventor	Hiroshi SUMI
Art Unit	1775
Examiner Name	Cathy Fong Fong Lam
Attorney Docket Number	Q76616

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U.S. PATENT & TRADEMARK OFFICE

## **U.S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

## **NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		PATENT ABSTRACTS OF JAPAN, Vol. 1997, No. 06, 30 June 1997 & JP 09 045130 A (TANAKA KIKINZOKU INTERNATL KK), 4 February 1997	
		PATENT ABSTRACTS OF JAPAN, Vol. 018, No. 360, 7 July 1994 & JP 06 093307 A (DOWA MINING CO LTD ET AL.), 5 April 1994	
		PATENT ABSTRACTS OF JAPAN, Vol. 2000, No. 09, 13 October 2000 & JP 2000 173346 A (MURATA MFG CO LTD), 23 June 2000	
		PATENT ABSTRACTS OF JAPAN, Vol. 1999, No. 14, 22 December 1999 & JP 11 260147 A (MURATA MFG CO LTD) 24 September 1999	
		PATENT ABSTRACTS OF JAPAN, Vol. 1996, No. 08, 30 August 1996 & JP 08 111341 A (MURATA MFG CO LTD), 30 April 1996	
		PATENT ABSTRACTS OF JAPAN, Vol. 1998, No. 09, 31 July 1998 & JP 10 095686 A (KYOCERA CORP), 14 April 1998	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.



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**STATEMENT UNDER 37 C.F.R. § 1.97(e)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The undersigned hereby states, upon information and belief:

That each item of information contained in the Information Disclosure Statement filed concurrently herewith was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of said Information Disclosure Statement.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "ajr".

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